



LANDSAT NINE

Launch Week Events Sept. 12 - 16, 2021

Sun. Sept 12th 8-10:00 am DeWees Center 1201 N H Street Lompoc, CA	Landsat in Lompoc GeoTour Celebrate Landsat's 50th Anniversary for the first GeoTour in Southern California! Come join us at the Lompoc Senior Community Center as we kick off the GeoTour. Registration is free. The first 500 people to find all nine geocaches and turn in their passports will earn a unique geocoin for their efforts. Turn in passports at the Hilton Garden Inn between 3:30-4:30pm.
Sun. Sept 12th 12-1:00pm Ocean & I Street Lompoc, CA	Landsat Week Proclamation & Wall Mural Ceremony Kick off Landsat Week in Lompoc by joining us for the Landsat Wall Mural Ceremony, to be held at the mural on the corner of Ocean and I Street. The new wall mural celebrates Landsat 9 and the upcoming 50th Anniversary of the NASA & USGS Landsat program. Hear from the artist, Ann Thompson Lompoc Mural Society's curator, and representatives from NASA, USGS, and industry partners who helped sponsor the mural. This event concludes with a reading of the Landsat Week Proclamation and ribbon cutting.
Mon-Thurs Sept 13-16th 10am - 5:00pm Lompoc Library 501 E. North Ave Lompoc, CA	Earth As Art Exhibit in the Grossman Gallery While satellite images have substantial scientific value, many also display views as beautiful as artwork! River deltas, mountains, irrigated farm fields, sand, ice, and even salt can create stunning scenes. In this USGS created, Earth As Art 6 collection, our images rely on the interplay of visible and invisible light across the electromagnetic spectrum made possible by Landsat's satellite sensors.
Mon. Sept 13th 3-4:00pm Lompoc Library 501 E. North Ave Lompoc, CA	Landsat Collage Workshop Landsat images have provided some of the most beautiful and unique views of our planet. From folded red mountain ridges, yellow dunes dotted with brilliant pools of blue water, and swirling clouds of blue-green phytoplankton, these images reveal a hidden world of color, textures, patterns, and movement. Explore how to create stunning collages with Landsat images.
Tues. Sept 14th 6-7:30pm Lompoc Aquatic Center	Family Fun Night at Lompoc's Aquatic Center Join us for a family-friendly event at Lompoc's state-of-the-art Aquatic Center . Engage in fun Landsat-themed activities and enjoy playing in one of the largest indoor water parks in California!
Tues. Sept 14th 7-9:00pm Downtown Lompoc	Landsat Trivia Night (by invitation only) The NASA Landsat science outreach team is hosting an evening of Landsat-related trivia. Venue opens at 5pm for those interested in dinner. Trivia starts at 7pm. Invitation only - open to NASA, USGS, industry partners, and those involved with the Landsat program. RSVP required. Contact Ginger Butcher for more information.

Wed. Sept 15th 7-8:00pm Montemar Wines 1501 E Chestnut Ct Lompoc, CA	Raising a Glass in Wine Country to Better Water Management Landsat imagery is helping California wine grape growers to manage vineyard irrigation, with the dual goals of reducing water use while improving grape quality. Participants in the Grape Remote sensing Atmospheric Profile and Evapotranspiration eXperiment (GRAPEX) will talk about how Landsat thermal and surface reflectance data are transformed into actionable information guiding precision irrigation down to the 30-m scale of each the Landsat pixel.
Thu. Sept 16th 9:00am - 12:00pm Lompoc Airport 1801 North H St. Lompoc, CA	Landsat 9 Launch Viewing and Public Exhibits The official launch viewing site will be at the Lompoc Airport where guests can engage with interactive Landsat activities such as learning about sensors, color filters, spectral matching and more. There will be a Landsat sticker mosaic, demonstrations on how Landsat sees in the dark, models, touchscreen videos and games, and more. Connect with representatives from NASA, USGS, and industry partners involved in building Landsat 9, participate with interactive exhibits, and have fun! For more tips on launch day and additional places to see the launch, check out the Explore Lompoc official viewing guide .
Thu. Sept 16th 2:00-3:30pm Montemar Wines 1501 E Chestnut Ct Lompoc, CA	Ladies of Landsat: Power of the Pixel from 1972 to 2021 Come meet and learn more about the Ladies of Landsat - scientists, entrepreneurs, leaders, mothers, authors, and Landsat fans. We'll share highlights on how anyone can be an active ally and support all underrepresented groups in remote sensing. The USGS/NASA Landsat program helps break down barriers to entry for many Ladies of Landsat who were previously excluded from the field of remote sensing. In our conversation, Ladies of Landsat demonstrate the power of the pixel and Landsat's diverse applications in their work and how Landsat makes their work possible. Representation matters! Young folks going through their K-12 education (and beyond!) crave the ability to see women and other underrepresented groups in positions of scientific power, able to make a difference with their work. Showcasing Ladies of Landsat creates a platform for this to occur on an international scale. Did you know Ladies of Landsat have been a part of the Landsat program since inception? We will have an informal conversation with Virginia Norwood, "The Mother of Landsat", about how the scene has changed over five decades.
Thu. Sept 16th 7-8:30pm Montemar Wines 1501 E Chestnut Ct Lompoc, CA	Landsat for Climate Action Come meet Earth observation climate scientists and learn more about how to use Landsat for: climate change mitigation and adaptation, carbon emissions accounting, and meeting international targets of reducing global warming to below 2 degrees Celsius. Landsat has a crucial role in monitoring land change by providing an eye from space that helps us identify drivers of deforestation and forest degradation – two activities that greatly contribute to carbon emissions globally. We will showcase scientists that have developed tools and applications that are used to globally monitor carbon emissions. Join us in a friendly atmosphere with good wine and fun people.

For more about these outreach events, visit the [Explore Lompoc Landsat Events](#) page
For more about Landsat, visit nasa.gov/landsat9 and usgs.gov/landsat